Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031423\
Data File : BN024275.D
Acq On : 14 Mar 2023 11:17
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 15 01:53:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 15 01:49:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.047	152	8290	0.400	ng		0.00
7) Naphthalene-d8	10.866	136	24047	0.400	ng		0.00
13) Acenaphthene-d10	14.675	164	12236	0.400	ng		0.00
19) Phenanthrene-d10	17.425	188	24830	0.400	ng		0.00
29) Chrysene-d12	21.610	240	18988	0.400	ng		# 0.00
35) Perylene-d12	24.129	264	15605	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	7225	0.394	ng		0.00
5) Phenol-d6	7.195	99	9019	0.382	ng		0.00
8) Nitrobenzene-d5	9.211	82	6383	0.397	ng		0.00
11) 2-Methylnaphthalene-d10	12.444	152	10951	0.370	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1990	0.318	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	17857	0.386	ng		0.00
27) Fluoranthene-d10	19.450	212	19103	0.363	ng		0.00
31) Terphenyl-d14	20.042	244	12161	0.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	3692	0.409	ng		98
3) n-Nitrosodimethylamine	3.764	42	5530	0.418	ng		97
6) bis(2-Chloroethyl)ether	7.462	93	9377	0.401	ng		98
9) Naphthalene	10.909	128	23636	0.387	ng		99
10) Hexachlorobutadiene	11.197	225	4466	0.385	ng	#	99
12) 2-Methylnaphthalene	12.516	142	15234	0.369	ng		98
16) Acenaphthylene	14.397	152	20843	0.359	ng		100
17) Acenaphthene	14.739	154	13669	0.370	ng		99
18) Fluorene	15.725	166	16070	0.364	ng		99
20) 4,6-Dinitro-2-methylph...	15.787	198	803	0.351	ng	#	81
21) 4-Bromophenyl-phenylether	16.606	248	5225	0.354	ng	#	72
22) Hexachlorobenzene	16.730	284	6706	0.370	ng		99
23) Atrazine	16.867	200	3194	0.341	ng	#	89
24) Pentachlorophenol	17.065	266	2588	0.363	ng		99
25) Phenanthrene	17.462	178	27353	0.372	ng		99
26) Anthracene	17.549	178	23682	0.349	ng		100
28) Fluoranthene	19.480	202	29110	0.362	ng		100
30) Pyrene	19.842	202	29389	0.382	ng		100
32) Benzo(a)anthracene	21.601	228	22984	0.363	ng		99
33) Chrysene	21.654	228	25729	0.380	ng		100
34) Bis(2-ethylhexyl)phtha...	21.511	149	10477	0.351	ng		98
36) Indeno(1,2,3-cd)pyrene	26.763	276	20958	0.359	ng		99
37) Benzo(b)fluoranthene	23.357	252	21808	0.359	ng		97
38) Benzo(k)fluoranthene	23.410	252	22218	0.355	ng		97
39) Benzo(a)pyrene	24.015	252	20347	0.366	ng		98
40) Dibenzo(a,h)anthracene	26.786	278	15657	0.346	ng		98
41) Benzo(g,h,i)perylene	27.576	276	19550	0.370	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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